



N.A.D. 1983 FEET COORDINATES		
CHANNEL	NORTH	EAST
SA1-9	773801.57	6592256.55
SA1-6	773543.71	6592077.86
SA1-8	773700.06	6592759.11
SA2-1	773313.40	6599652.21
SA2-13	773614.79	6600293.83
SA2-2	773215.96	6600263.32
SA2-12	773364.99	6601458.91
SA2-3	772966.17	6603528.42
SA2-11	773200.93	6604408.52
SA2-4	772822.60	6604271.82
SA2-10	772783.99	6605166.76
SA2-5	772457.79	6604935.26
SA2-9	772580.51	6605453.51
SA2-8	772254.31	6605222.02

NOTES:
SURVEYED BY THE CORPS OF ENGINEERS.
SOUNDINGS WERE TAKEN BY FATHOMETER AND ARE SHOWN TO THE NEAREST FOOT AND HUNDREDTHS OF A FOOT. ELEVATIONS ARE BASED ON MLLW DATUM.
1:00 INDICATES THE NUMBER AND BEGINNING OF A LINE OF SOUNDINGS.
PLANE GRID AND NAD83 COORDINATES WERE DERIVED FROM PUBLISHED NAD27 CALIFORNIA ZONE 1 STATE PLANE COORDINATES, USING USGS NADCON CONVERSION METHODS.

NOTES:
DRAWINGS NOT TO BE USED AS NAVIGATION CHARTS, ONLY CHANNEL CONDITION AT DATE OF SURVEY.
THE LOCATION OF ALL NAVIGATION AIDS ARE BASED ON INFORMATION PROVIDED BY THE U. S. COAST GUARD.
BUOY LOCATIONS REPRESENT THE POSITION OF THE SINKER ONLY.
BASE MAPS WERE COMPILED BY PHOTOGRAMMETRIC METHODS FROM AERIAL PHOTOGRAPHY FLOWN AUGUST 1996.

SYMBOL		DESCRIPTION	DATE	APPROVAL
REVISIONS				
DRAWN BY:		CONTRA COSTA CO. CALIFORNIA		
CHECKED BY:		NEW YORK SLOUGH		
DESIGNED BY:		CONDITION SURVEY		
SUBMITTED:		7-13 MARCH 2002		
APPROVAL RECOMMENDED:		APPROVED:		DATE:
CHIEF ENGINEERING BRANCH		CHIEF ENGINEERING & TECHNICAL SERVICES DIVISION		
PREPARED UNDER THE DIRECTION OF		SCALE: 1"=200'		JOB NO.:
TIMOTHY S. O'ROURKE				DRAWING NUMBER
LT. COLONEL, C.E., DISTRICT ENGINEER		SHEET: 13 OF 14		4 2 208